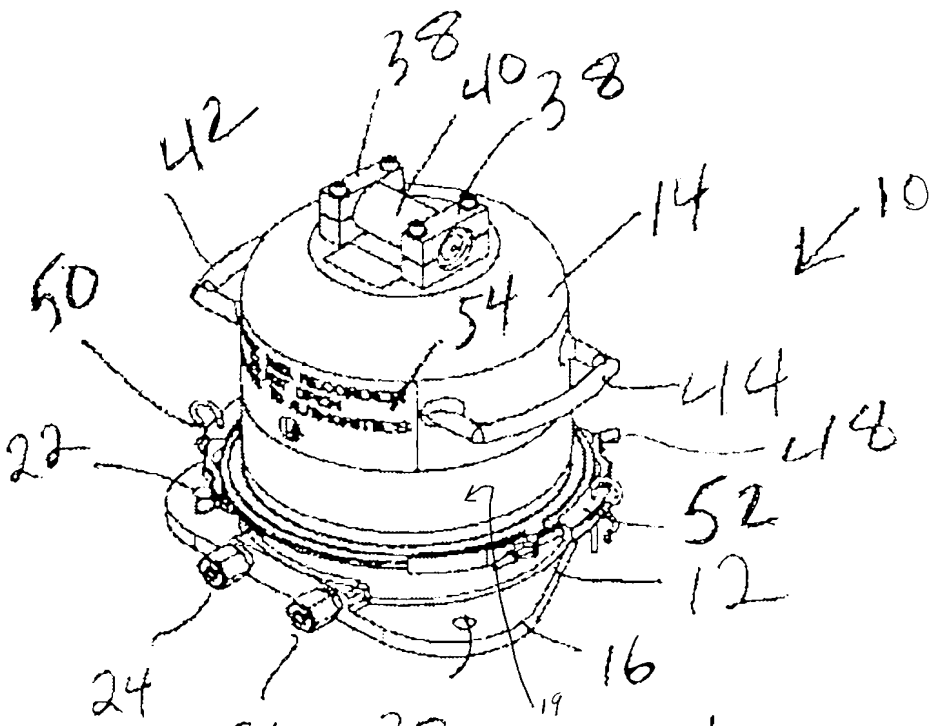


FIG. 1

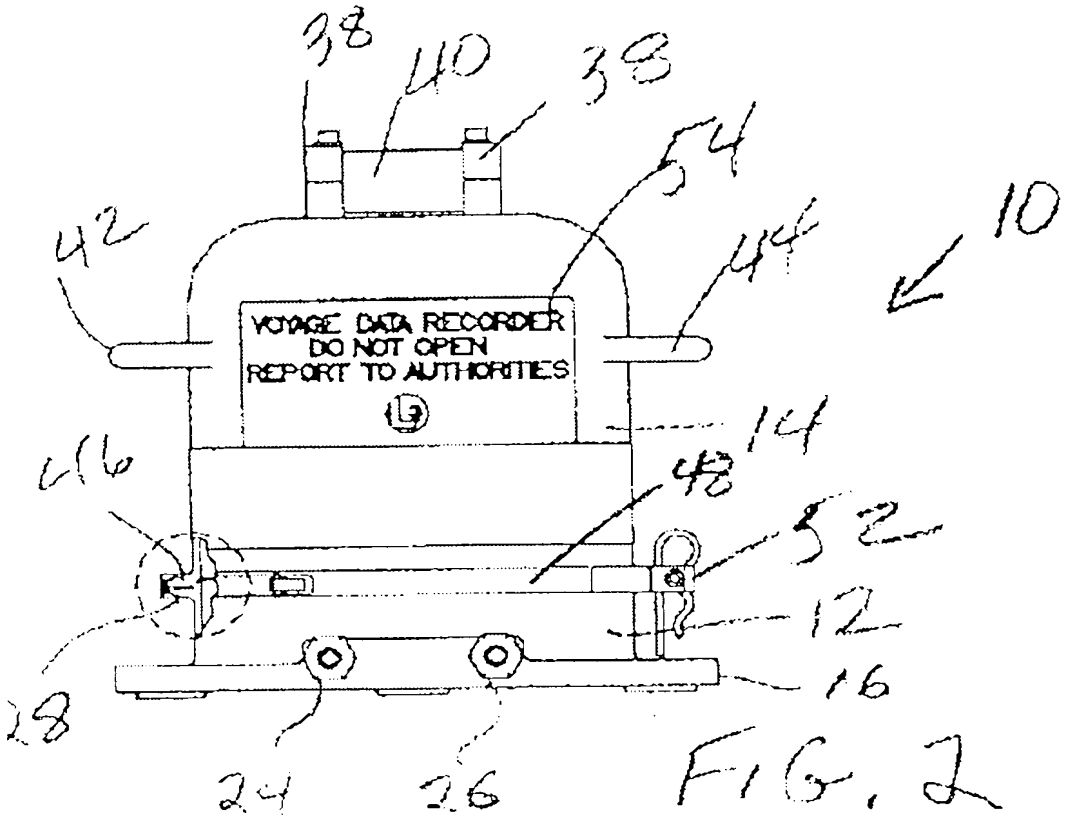

38
40
36
54
42
44
10
VOYAGE DATA RECORDER
DO NOT OPEN
REPORT TO AUTHORITIES
14
46
48
52
12
16
28
24
26

FIG. 2

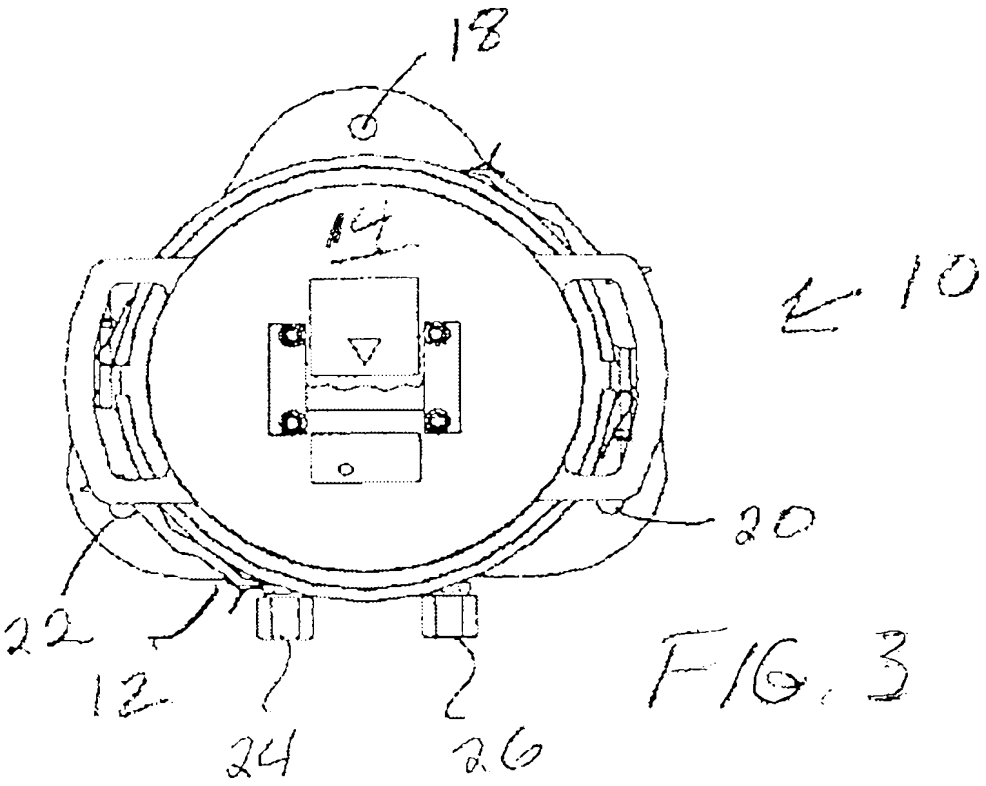


FIG. 3

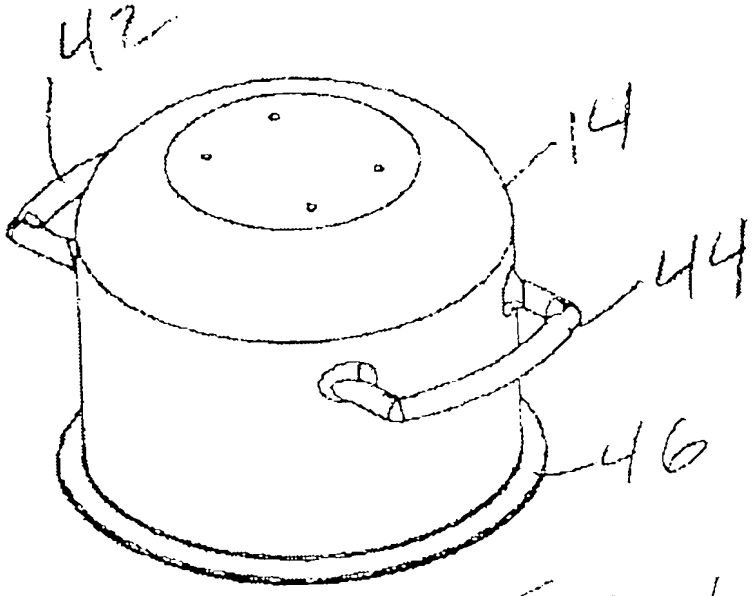
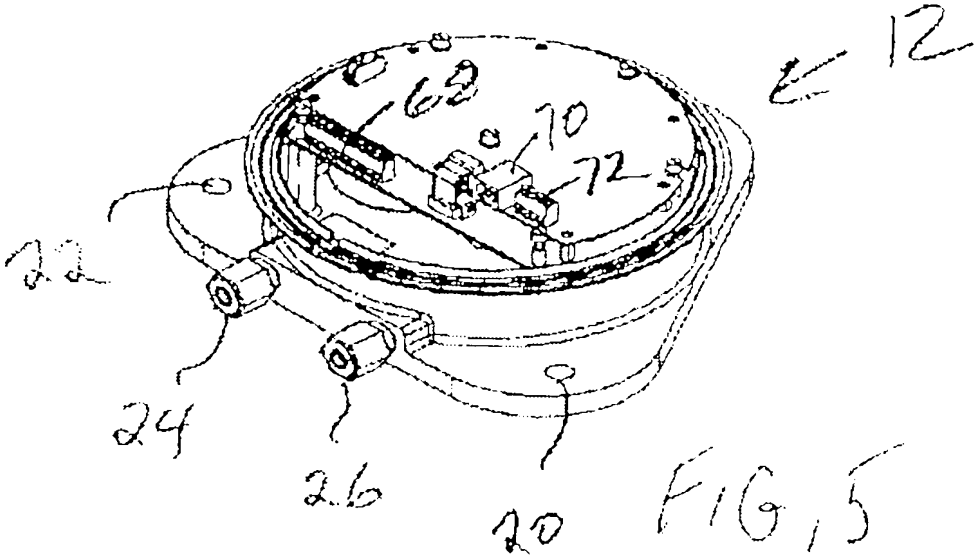


FIG. 4



FIG, 5

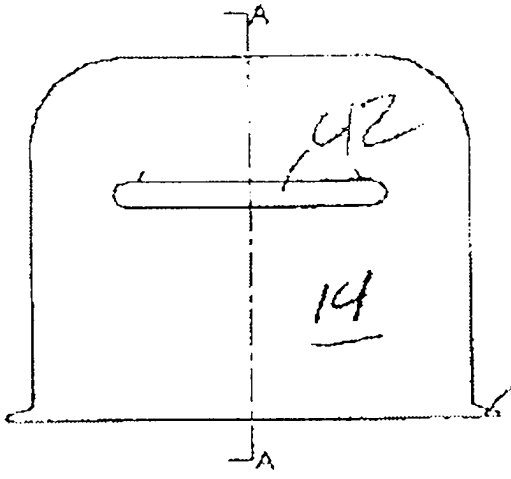


FIG. 6

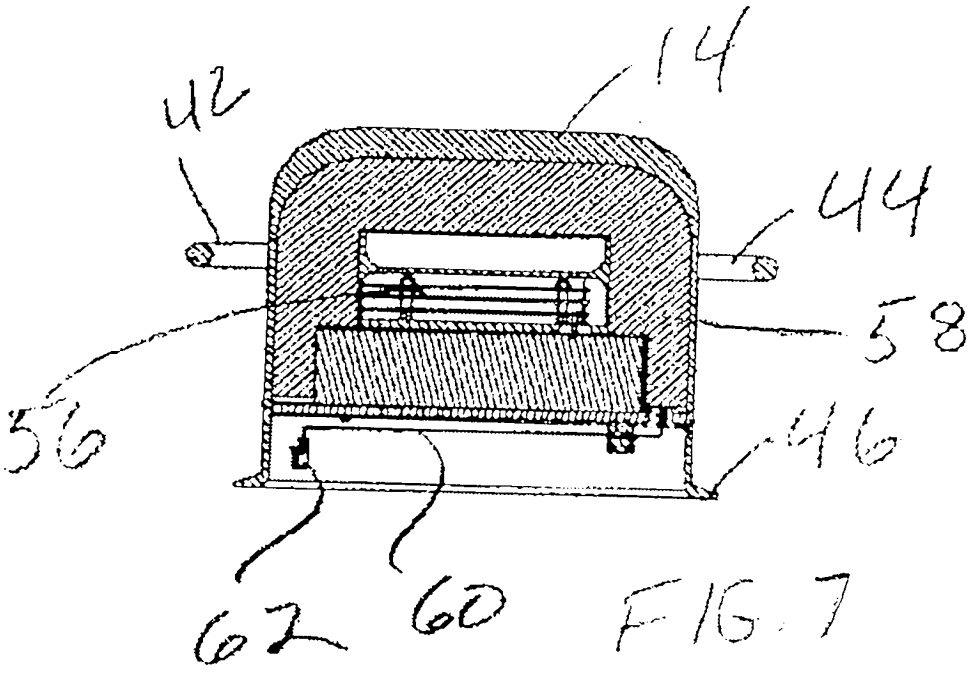


FIG. 7

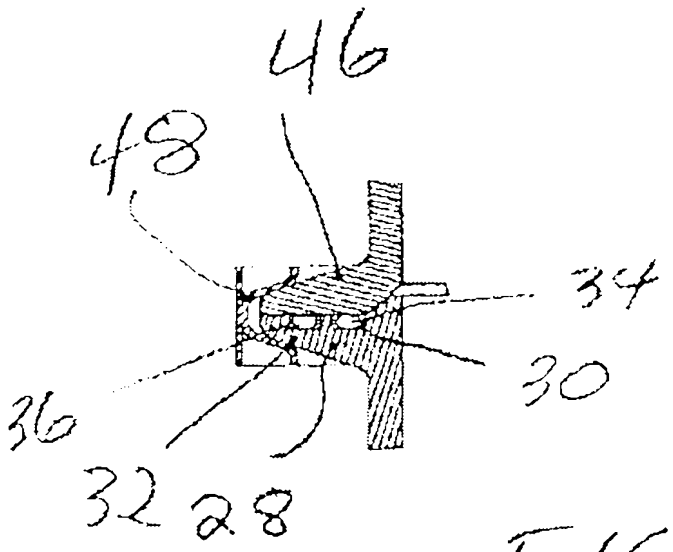


FIG. 8

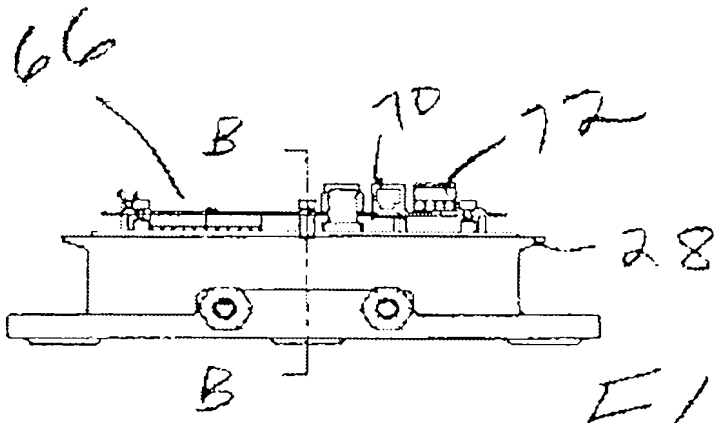


FIG. 9

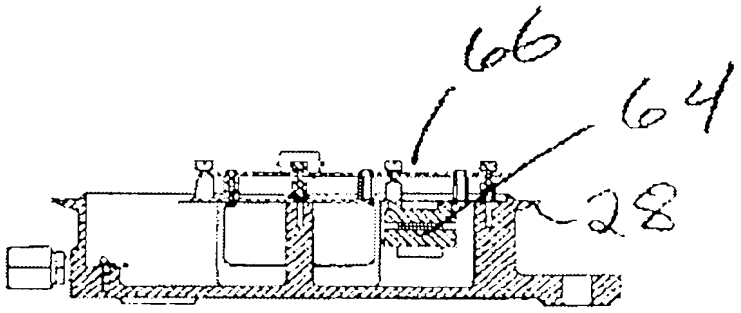


FIG. 10

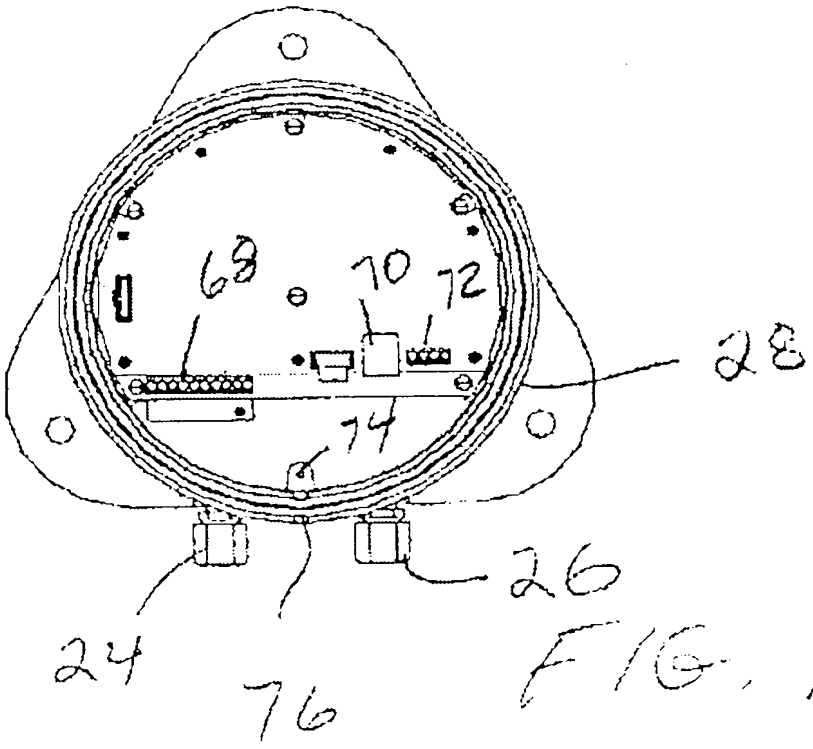


FIG. 11

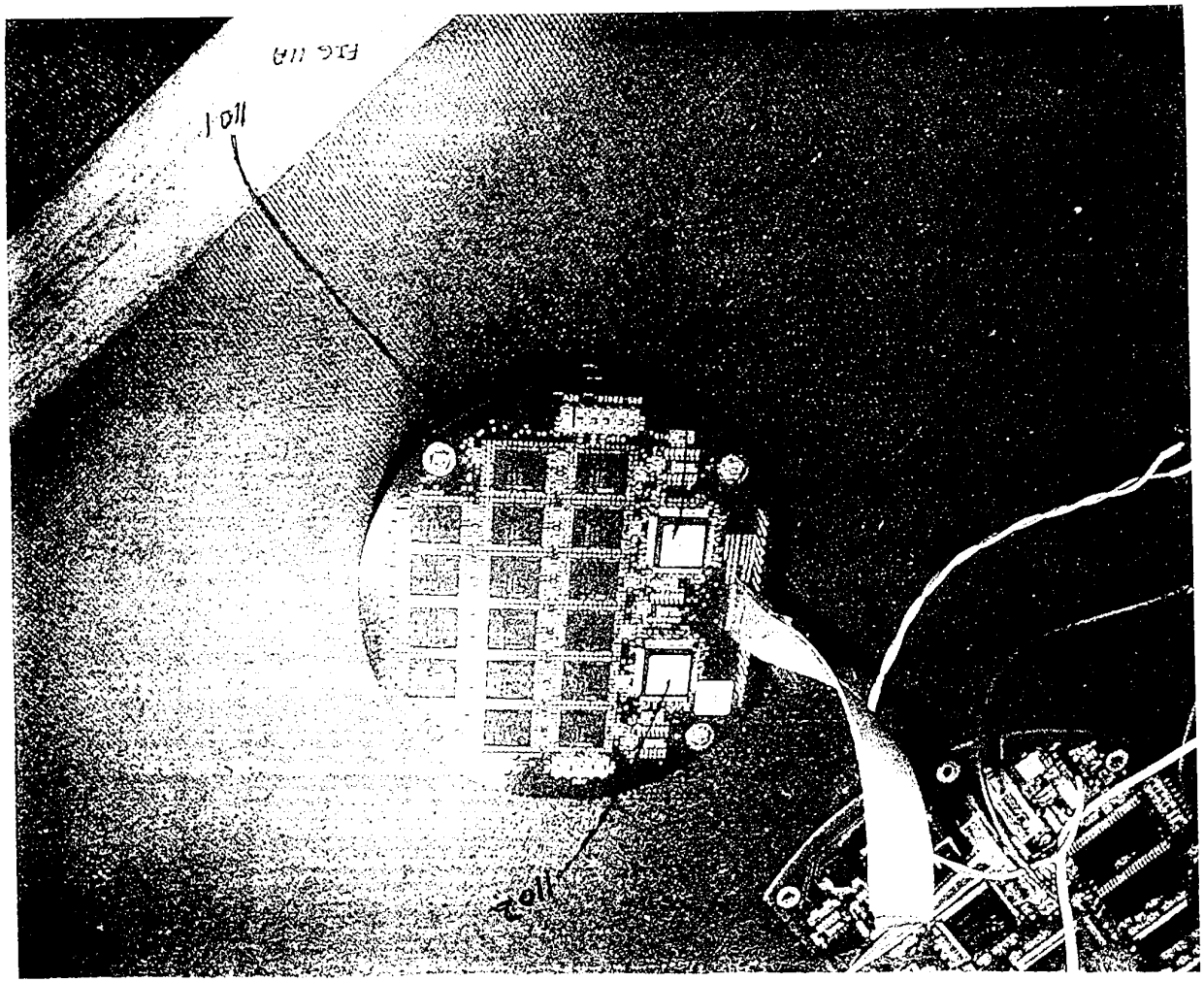


Fig 11A
101
102

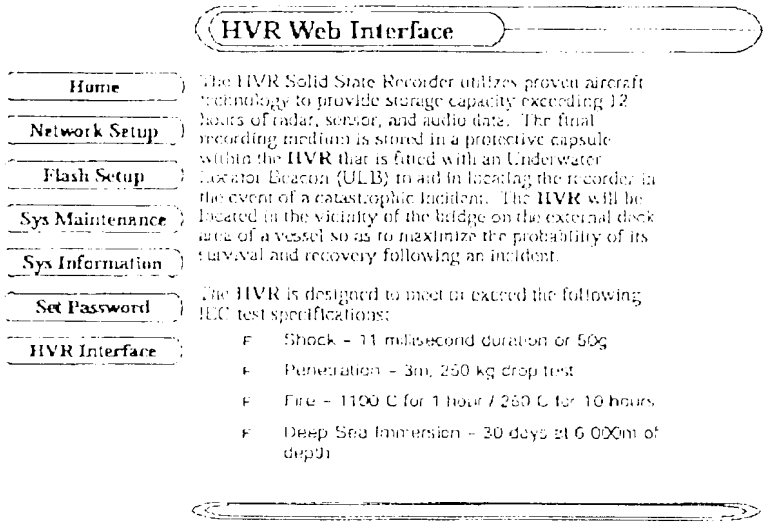

HVR Web Interface
Home
Network Setup
Flash Setup
Sys Maintenance
Sys Information
Set Password
HVR Interface
The HVR Solid State Recorder utilizes proven aircraft technology to provide storage capacity exceeding 12 hours of radar, sensor, and audio data. The final recording medium is stored in a protective capsule within the HVR that is fitted with an Underwater Locator Beacon (ULB) to aid in locating the recorder in the event of a catastrophic incident. The HVR will be located in the vicinity of the bridge on the external deck area of a vessel so as to maximize the probability of its survival and recovery following an incident.
The HVR is designed to meet or exceed the following IEC test specifications:
Shock - 11 millisecond duration of 50g
Penetration - 3m, 250 kg drop test
Fire - 1100 C for 1 hour / 260 C for 10 hours
Deep Sea Immersion - 30 days at 6 000m of depth

FIG. 12

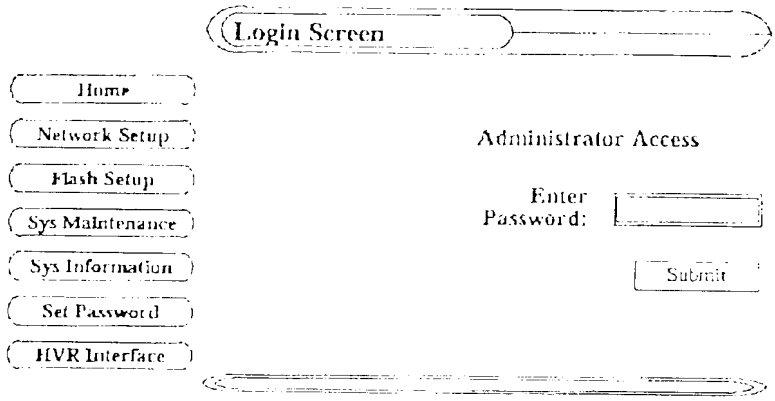
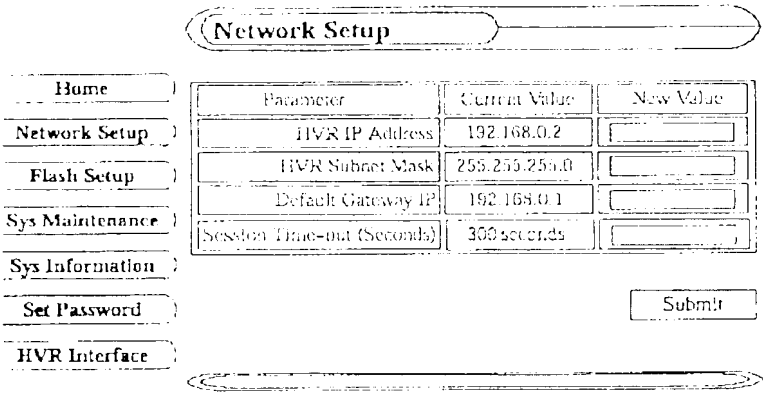

Login Screen
Home
Network Setup
Flash Setup
Sys Maintenance
Sys Information
Set Password
HVR Interface
Administrator Access
Enter Password:
Submit

FIG. 13


Network Setup
Home
Network Setup
Flash Setup
Sys Maintenance
Sys Information
Set Password
HVR Interface
Parameter
Current Value
New Value
HVR IP Address
192.168.0.2
HVR Subnet Mask
255.255.255.0
Default Gateway IP
192.168.0.1
Session Time-out (Seconds)
300 seconds
Submit

FIG, 14

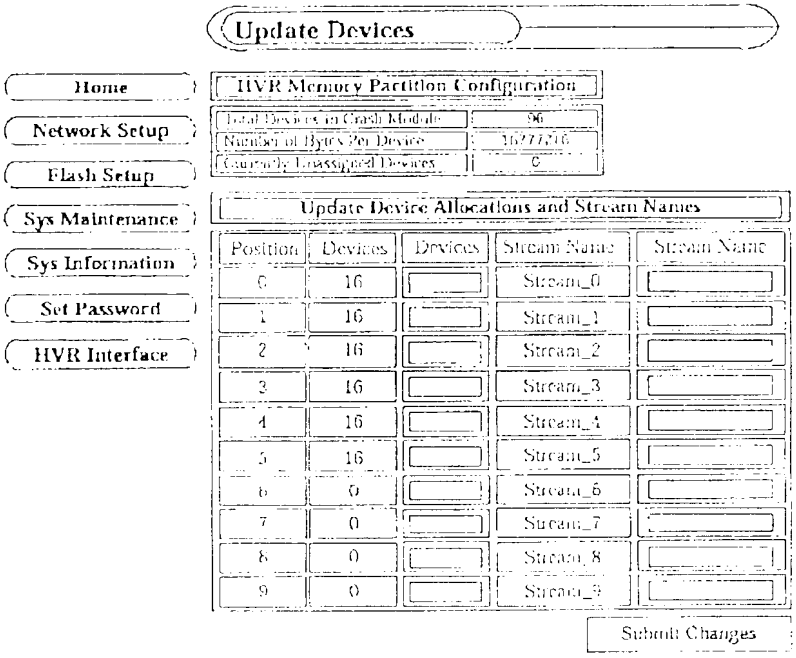

Update Devices
Home
Network Setup
Flash Setup
Sys Maintenance
Sys Information
Set Password
HVR Interface
HVR Memory Partition Configuration
Total Devices in Crash Module
96
Number of Bytes Per Device
16777216
Currently Unassigned Devices
0
Update Device Allocations and Stream Names
Position
Devices
Devices
Stream Name
Stream Name
0
16
Stream_0
1
16
Stream_1
2
16
Stream_2
3
16
Stream_3
4
16
Stream_4
5
16
Stream_5
6
0
Stream_6
7
0
Stream_7
8
0
Stream_8
9
0
Stream_9
Submit Changes

FIG. 15